

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5

KLEMENTIS, M., Mgr inż.

Drilling of test holes in the Kosciuszko Mine in Wapno.
Rudy i metale 8 no.12:511-513 D'6).

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5"

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5

KLEMENTYS, Mieczyslaw, mgr ins.; BROŁ, Gerard, ins.

Technical progress in nonferrous ore mining. Rudy i metale ?
no.12:563-567 D '62.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5"

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5

KLEMENTYS, Mieczyslaw, mgr inz.; BROL, Gerard, inz.

Copper mining in the Mansfeld District. Rudy i metale 9
no. 3:127-130 Mr '64.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5"

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5

KLEMES, Vit., ins.

Seasonal reservoir storage capacity in statistical methods of
runoff control. Pt.2. Vodohosp cas 11 no.4:341-360 '69.

1. Československá akademie věd, Ustav hydrologie a hydrauliky,
Slovenská akadémia vied, Bratislava.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5"

KLEMES, Vit, inz. GSc.

Influence of the stream flow control in a given stream cross section on the flow regime in downstream cross sections. Vodohosp cas 12 no. 3:238-259 '64.

1. Institute of Hydrology and Hydraulics, Slovak Academy of Sciences, Bratislava.

KLEMES, Vit, inz. CSc.

Effect of the stream-flow control on the duration curve of
average daily flows. Vodohosp cas 12 no. 2, 137-160 '64.

1. Institute of Hydrology and Hydraulics, Slovak Academy of
Sciences, Bratislava.

KLEMES, Vit, ins.

Seasonal reservoir storage capacity in statistical methods
of runoff control. Pt.1. Vodohosp cas 11 no.3:232-247 '63.

1. Ceskoslovenska akademie ved, Ustav hydrologie i hydrauliky, Slovenska akademia vied, Bratislava.

KLEMES, Vit, inz.

Direct and indirect methods of flow control. Vodni hosp 13
no.8:306-309 '63.

1. Ceskoslovenska akademie vied, Ustav hydrologie a hydrauliky
Slovenskej akademie vied, Bratislava.

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5

KONKIN, V.D.; KLEMESHOV, G.A.

Methods of chemical analysis of steels and cast irons.
Standartizatsiya 27 no.1:27-29 Ja '63. (MIRA 17:4)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5"

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5

DOROKHOV, V.I.; GERSHORN, N.A.; KONKIN, V.D.; KLEMESHOV, O.A.

Removal of sulfur from cast iron by vacuuming. Met. i gornorud.
prom. no. 3173-74. My-Je '65. (MIRA 18:11)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5"

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5

GOLOTSBERG, I.M.; KOVAL', G.L.; KLEMESHOV, O.A.

Rapid photocolorimetric method of determining vanadium in
iron ores, ferrous metals, and slags. Sbor. trud. UNIM
no.11:387-394 '65.
(MIRA 18:11)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5"

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5

GOL'TSBERG, I.M. [KLEMESHOV, G.A.

Polarographic determination of copper, nickel, and cobalt in
steel in a single weight portion. Sbot. trud. UNIIM no.9;
454-459 '64
(MIRA 18:1)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5"

DOROKHOV, V.I., kand. tekhn. nauk; KLEMESHOV, G.A., kand. tekhn. nauk

Secondary oxidation of steel. Stal' 24 no.11:995-997 N '62.
(MIRA 18:1)

1. Ukrainskiy nauchno-issledovatel'skiy institut metallov.

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5

KOVAL', G.L.; KONKIN, V.D., kand. khim. nauk; KLEMISHOV, G.A.

Photocolorimetric method of determining arsenic in iron ores
and products of their transformation. Sbor. trud. VNIIM no.9;
460-463 '64
(MIRA 18:1)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5"

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5

KLEMESHOV, G. A.

"Effect of Gases upon Mechanical Properties of Carbon Steel." Acad Sci USSR, Inst of Metallurgy imeni A. A. Baykov, Khar'kov 1955. (Dissertation for the Degree of Candidate in Technical Sciences)

SO: M-955, 16 Feb 56

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5"

32-7-36/49

AUTHOR:

Kleneshov, G. A.

TITLE:

On the Technology of the Production of Samples for a
Speedy Analysis During Smelting in Open-Hearth Furnaces.
(O tekhnologii izgotovleniya prob dlya ekspressnykh
analizov po khodu plavki martenovskikh pechey)

PERIODICAL:

Zavodskaya Laboratoriya, 1957, Vol. 23, Nr 7, pp. 870-870
(USSR)

ABSTRACT:

In connection with the introduction of a pneumatic post service in an open-hearth furnace plant of one of the Steel Works in the USSR the large forged iron smelt-sample vessels were replaced by small cast iron ones of 35 x 45 mm size. The size of the samples was adapted to the requirements of pneumatic transportation by post, after which they were subjected to spectral analysis. The samples of open-hearth furnace alloys were compared with the samples worked on the premises. The inner walls of the sample vessels were oxidized with aluminum. They were filled up to a height of 40 mm with the cast metal, after which the test alloy was taken out and cooled until it acquired a dark color. For the purposes of the spectral

Card 1/2

AUTHORS: Klemeshev, G.A., Panasenko, F.L.,
Smolenskiy, V.A., Shvarts, S.M. 32-3-50/52

TITLE: Standard Laboratory for Radioactive Isotopes (Tipovaya laboratoriya radioaktivnykh izotopov)

PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol. 24, Nr 3, pp. 376-379 (USSR)

ABSTRACT: This paper contains a short description of a laboratory project designed for a large metallurgical plant. In this laboratory it is intended to use isotopes of carbon, sulphur, phosphorus, silicon, manganese, calcium, iron, cobalt, iridium, etc. Particular attention was paid to special sanitary protective measures in the working, distribution, transport, etc. of isotopes. For this reason the laboratory project was worked out according to a three-zone system. This system includes hermetically closed rooms which are radiologically "contaminated". Isolated from these are the "half-clean" rooms, and, completely separated, the "clean" rooms. In the first-named rooms preparation-, purification-, and repair work etc. is carried out, for which purpose special clothing is worn, or, for aerosol work, hermetically closed

Card 1/2

Standard Laboratory for Radioactive Isotopes

32-3-50/52

chambers are used. A schematical drawing of a hermetically closed furnace, in which it is possible to melt radioactive isotopes in the vacuum, air, or inert gas atmosphere, is given. Conveying radioactive preparations from one chamber into another is brought about mechanically by means of a conveyer band, whilst a special air conditioning system is used for the purification of air. A ground section of the laboratory shows the arrangement of rooms as well as other details. Thus, the building also contains a room for gamma defectoscopy with an adjoining chamber with radioscopio devices of the type $\gamma\gamma$ -Co-5-1, $\gamma\gamma$ -Co-50-1 and KC-6; these devices are remote-controlled. There are 2 figures.

ASSOCIATION: State Institute for the Planning of Metallurgical Plants
"Giprostal" (Gosudarstvennyy institut po proyektirovaniyu
metallurgicheskikh zavodov "Giprostal")

AVAILABLE: Library of Congress

Card 2/2 1. Metallurgical laboratories-Characteristics

DOROKHOV, V.I. (Khar'kov); KLEMESHOV, G.A. (Khar'kov)

Changes of oxygen concentration in equilibrium with deoxidizing elements during steel deoxidation, pouring and crystallization processes. Izv. AN SSSR. Met. no.4:29-36 Jl-4g '65.

(MIRA 18:8)

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5

KLEMESHOV, M., gvardii ryadovoy

It depends on us. Starsh.-serzh. no. 5:20-21 My '63.
(MIRA 16:10)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5"

1. KLEMIN, I. A.
2. USSR (600)
4. Physics and Mathematics
7. Selected Works on Physics of the Atmosphere, M. F. Spasskiy and P. I. Strakhov, Prof. A. Kh. Khrgian (editor and commentator). (Moscow-Leningrad, State Technical Press, 1951). Reviewed by I. A. Klemin, Sov. Kniga, No. 12, 1952.
9. FDD Report U-3081, 16 Jan 1953, Unclassified.

KHROGIAN, A.Kh.; BOROVIKOV, A.M.; DZERDZEYEVSKIY, B.L.; DYUBYUK, A.F.;
ZVEREV, A.S.; ZOLOTAREV, M.A.; KRICHAK, O.O.; KLEMEN, I.A.;
PINUS, N.Z.; SHLEZHEVA, Ye.S.; YASNOGORODSKAYA, N.N., red.;
VLADIMIROV, O.O., tekhn.red.

[Cloud atlas] Atlas oblakov. Leningrad, Gidrometeor.isd-vo,
1957. 45 p. (MIRA 12:9)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye gidrometeorologicheskoy sluzhby.

(Clouds)

GALAKHOV, Nikolay Nikolayevich; KEMEN, L.A., otv.red.; SENOLOVA, N.N.,
red.izd-va; ASTAF'YEVA, G.A., tekhn.red.

[Structural study of climatic seasons of the year; typifying
in time the climatic regimen of temperate latitudes of the U.S.S.R.]
Issledovanie strukturny klimaticheskikh sezonov goda; opyt tipizatsii
klimaticheskogo reshimia vo vremeni v predelakh umernykh shirok
SSSR. Moskva, Izd-vo Akad.nauk SSSR, 1959. 181 p. (MIRA 12:11)
(Russia--Climate)

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5

SPIRIDONOVA, Yuliya Vasil'yevna; KLEMIN, I.A., doktor geogr. nauk,
prof., ovt. red.; BUTOMO, N.N., red. Izd-va; GUS'KOVA, O.M.,
tekhn. red.

[Relationships between atmospheric circulation in different
parts of the Northern Hemisphere] Sopriazhennost' atmosfer-
noi tsirkulyatsii v raznykh chastiakh Severnogo polushariia.
Moskva, Izd-vl Akad. nauk SSSR, 1962. 119 p. (MIRA 15:7)
(Atmosphere)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5"

KLEMIN, N.G.

The bleaching of cotton fabrics with a sodium hypochlorite solution in the presence of sodium bicarbonate according to the method of V. I. Mineev, I. V. Ovsiannikov and N. G. Klemkin. Khimicheskaya Promst., No. A, 21-3 (1957); Chem. Zass., 1957, II, 202. The possibility is suggested of bleaching all parts covered with NaCl + NaHCO₃ according to the method of Mineev (cf. G. A. 30, 550) for a period of up to 1 hr. instead of 12 hrs.
W. A. Moore

A50-114 METALLURGICAL LITERATURE CLASSIFICATION

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5

KLEMING, N. G.

V. Determination of radioactive materials. N.O. [redacted]
CH T. V. Morygin, and A. A. Golovin. 7/17/61. C.I.A.
U.S.S.R. 27, 766-51(1964)(Engl. translation). File C.A.
46, 123204. B.M.P.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5"

Klemm 7/6

Determination of vat dyes on wool fiber N. G. Klemm
P. V. Mergenau and A. A. Feltz in Color Test Book
Textile Research Foundation, New York, NY 10016 1954

The wool sample is dissolved in 10 ml of 14.9% hydrofluoric acid for 1
min at 10°C and the solution is neutralized to pH 7.0 with 0.1N
potash. After this, the solution is diluted with 10 ml of water and
from the procedure of bromine titration, the dye is measured by
the same colorimetric process. Determination within 3%
is reported.

M. Klemm

KLEMIN, N. G., Cand of Tech Sci -- (disc) "Investigation of the processes of dyeing caprone, wool, and part wool materials with indigo and greyish dyes." Ivanovo, 1957, 26 pp (Leningrad Textile Institute im S. M. Kirov. Ivanovo Chemical Engineering Institute, Chair of Chemical Technology of Wooly Materials), 100 copies (KL, 35-57, 107)

KLEMIN, N.O.; MOKYANOV, P.V.

Vat dyeing of wool, Tsent, prom. 17 no. 4:35-39 Ap '57. (MLRA 10:4)

1. Is rabot Ivanovskogo khimiko-tehnologicheskogo instituta.
(Dyes and dyeing--Wool)

KLEMIN, N.G.

MORYGANOV, P.V.; MEL'NIKOV, B.N.; KLEMIN, N.G.

New textbook on the chemical technology of fibers. ("Chemical technology of fibers" by F.I.Sadov, N.V.Korchagin, A.I.Matetskii. Reviewed by P.V.Moryganov, B.N.Mel'nikov, N.G.Klein.) Tekst.prom. 17 no.9:66-68 8 '57. (MIRA 10:11)

1. Ivanovskiy khimiko-tehnologicheskiy institut.
(Textile chemistry)

KLEMIN, N.G., kand. tekhn. nauk; MORTYANOV, P.V., kand. khim. nauk, dots.

Studying the processes of wool and caprone vat dyeing. Izv. vys. ucheb. zav.; tekhn. prom. no.1:142-152 '58. (MIRA 11:5)

1. Ivanovskiy khimiko-tehnologicheskiy institut.
(Dyes and dyeing--Wool) (Dyes and dyeing--Nylon)

KOCHETKOV, L.M.; KLEMIN, N.G.

Fine book on production organization ("Organization and planning of cotton finishing" by M.A. Andreev. Reviewed by L.M. Kochetkov, N.G. Klemm). Tekst. prom. 18 no.6:64-65 Je '58. (MIRA 11:?)

1. Ivanovskiy khimiko-tehnologicheskiy institut.
(Cotton finishing)
(Andreev, M.A.)

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5

KLEKIN, N.O., kand.tekhn.nauk; MARYGAMOV, P.V., doktor tekhn.nauk

Dyeing woolen and semiwoolen fabrics with sulfur dyes in a
triethylamine base. Tekst. prom. 18 no.9:44-47 S '58.
(Dyes and dyeing--Wool) (MIRA 11:10)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5"

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5

KLEMIN, N.O.

Improvement of textile finishing operations. Izv.vys.ucheb.
zav.; tekhn.tekst.prom. no.2:157-158 '59. (MIRA 12:6)
(Textile finishing)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5"

KLEMIN, E.G., dotsent; BORZOVA, T.F., studentka

Dyeing nylon fabrics with direct metallized dyes. Tekst. prom,
20 no. 11:50-52 N '60. (MIRA 13:12)

1. Ivanovskiy khimiko-tehnologicheskiy institut (for Klemin).
(Dyes and dyeing--Nylon)

KLEMIE, N.G., dotsent; Princimala uchastiye: BORSOVA, T.F., studentka

Balanced dyeing of nylon with direct metal-containing dyes.
Tekst. prom. 20 no. 12:37-40 D '60. (MIRA 13:12)

1. Ivanovskiy khimiko-tehnologicheskiy institut.
(Dyes and dyeing--Nylon)

KLEMEN, V. A., ROSSOSHANSKIY, A. I.

"Automatic and remote control in mines" by V.O. Savateev. Ugel'
Ukr. 4 no.9;43 p '60.
(Coal mines and mining) (Automatic control)
(Remote control)

(MIRA 13:10)

L 07899-67 EWT(1) OW

ACC NR: AT6029359

(N)

SOURCE CODE: UR/2531/66/000/191/0086/0091

AUTHOR: Klevsin, V. V.

31

ORG: none

30

TITLE: One method of reducing the geopotential field of the 500 mb surface

B+1

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy, no. 191, 1966. Primeneniye statisticheskikh metodov v meteorologii (The application of statistical methods in meteorology), 86-91.

TOPIC TAGS: meteorology, weather forecasting, statistic analysis, ATMOSPHERIC GEOPOTENTIAL, ERROR STATISTICS

ABSTRACT: The possibility of reducing a geopotential field of the 500 mb level over a territory exceeding ten million km² using the method of optimum single point agreement between analysis and forecast data was studied. This should be an improvement over Thompson's method of using forecast data alone to reduce the geopotential field in an area where no observations are available. The area for such calculations is limited to about 2500 x 4000 km², the area in which a wind field may maintain its velocity. In reality some information from observations is available in an area of this size. Hence to reduce a geopotential field in an area with a few widely scattered stations, optimum single point agreement of data obtained by numerical analysis (objective optimum interpolation) and by barotropic quasigeostrophic forecasting was utilized.

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L 07899-67

ACC NR AT6029359

Examination of results showed the error in the matched field analysis was less than errors in analysis using only forecast data. "In conclusion the author expresses deep appreciation to L. S. Gandin for his great help in working out the problem under consideration." Orig. art. has: 3 figures, 1 table, 5 equations.

SUB CODE: 04, 12 / SUBM DATE: none / ORIG REF: 005 / OTH REF: 003

Card 2/2 gd

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5

KLEMIN-SHARONOV, V.A., kand.tekhn.nauk; ROZANOV, Yu.A., inzh.

Mechanical characteristics of d.c. motors in networks with
semiconductor rectifiers. Vest. elektroprom. 32 no.7:37-39
J1 '61. (MIRA 14:10)
(Cranes, derricks, etc.—Electric driving)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5"

L 23901-66 ENT(d)/MP(1) LIP(c) BC
ACC NIKI AP6009847

SOURCE CODE: UR/0413/86/000/004/0038/0038

AUTHOR: Mityushkin, K. G.; Androsovich, V. D.; Klimin, V. A.; Gorshkov, S. V.

ORG: none

TITLE: A cyclic device for remote control and signalling. Class 21, No. 178882 [announced by the "Elektropul't" Plant (Zavod "elektropul't") and the All-Union Scientific Research Institute of Power Engineering (Vsesoyuznyy nauchno-issledovatel'skiy Institut energetiki)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 4, 1986, 38

TOPIC TAGS: remote control, telemetry, cyclic coding, electronic circuit

ABSTRACT: This Author's Certificate introduces: 1. A cyclic unilateral (simplex) action device for remote control and signalling with pulsed time marks. The unit consists of two subassemblies for remote control and signalling. On the transmission side of each of these sets is a pulse generator, distributor, coder, time code shaper, line-unit and a unit for frequency-division channel multiplex. On the receiving side are a unit for frequency-division multiplex, amplifier, shaper, decoder, distributor, pulse duration selectors, a unit for authorizing actuation and individual output control relay units. On the transmission side of the cyclic unilateral (simplex) action remote signalling device are a distributor, an automatic triggering device, a coder,

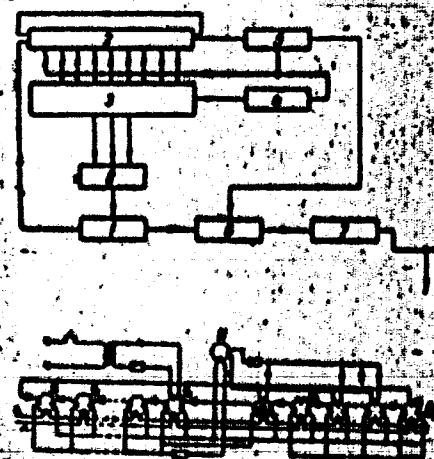
Card 1/3

UDC: 621.398

654.94

L 23901-66

ACC NR. AP6009847



1--pulse generator; 2--pulse distributor; 3--control panel; 4--command acceleration unit; 5--discharge unit; 6--linear unit; 7--frequency-division multiplex unit; 8--time code shaper; 9₁-9_n and 10₁-10_n--distributor elements; 11--blocking cell.

time code shaper, linear unit, frequency-division multiplex, and on the receiving side are a frequency-division multiplex unit, amplifier, shaper, distributor, decoder, pulse mark duration selectors, reception accuracy control unit and individual output signalling relay unit. In order to prevent indefinite delay during transmission of remote control commands due to the necessity for resetting the distributor to the initial state, a command acceleration unit is used. In the remote control device, the input of this unit is connected to the output of the coding unit and the first output of the coding unit is connected to the input of the first cell of the distributor while the second output is connected through a discharge circuit to the input of the coupling circuit for the distributor. 2. A modification of this device in which false signals are eliminated

Cont 2/3

L 23901-66
ACC NR: AP6009847

from the control code by using a unit for automatically erasing false "ones" in the pulse distributor. This unit is a blocking cell connected in series to the common coupling circuit of the distributor. 3. A modification of this device in which the reliability and resistance to interference are improved by connecting the output of the ferrite diode-pulse distributors to each cell for the corresponding signal.

SUB CODE: 09/ SUBM DATE: 20Jan84/ ORIG REF: 000/ OTH REF: 000

Card 3/3 BK

KLEMIN-SHARONOV, V.A., kand.tekhn.nauk; GALENKO, M.A., inzh.

Calculating the mechanical characteristics of an electric motor with mixed excitation operating on a circuit with restriction of the developing moment. Izv.vys.ucheb.zav.; energ. 3 no.6:53-56 Je '60. (MIRA 13:6)

1. Khar'kovskiy politekhnicheskiy institut imeni V.I.Lenina.
Predstavleniia kafedroy elektrifikatsii promyshlennyykh predpriyatiy.
(Electric motors, Direct current)

RADCHENKO, Leonid Aleksandrovich; KLEMIN-SHARONOV, V.A., kand.
tekhn. nauk, retsensent; OLEFIR, P.P., kand. tekhn. nauk,
retsensent; KOVAL'CHUK, A.V., inzh., red. issd-va; SHAPETA,
S.M., tekhn. red.

[Control of automated electric drives] Upravlenie avtoma-
tizirovannym elektroprivodom; posobie po laboratornym ra-
botam. Kiev, Gostekhizdat USSR. Pt.1. 1963. 338 p.
(MIRA 16:9)

(Electric driving) (Electric motors)

KLEMINA, I.K.

Study of the erythropoietic activity of the serum of patients with phenomena of oxygen deficiency. Probl. gemat. i perel. krovi 8 no.7: 18-22 Jl '63.
(MIRA 17:10)

1. Is propedevticheskoy terapevticheskoy kliniki (zav. -deystviteľnyy chlen AMN SSSR prof. M.D. Tushinskiy [deceased] i Leningradskogo meditsinskogo instituta imeni akademika Pavlova i biokhimicheskoy laboratorii (zav. -prof. S.Ye. Mançylov) TSentral'nogo nauchno-issledovatel'skogo instituta meditsinskoy radiologii.

SHISHOVA, O.A.; KLEMINA, Ye.A.; KASATOCHKIN, V.I.

Rate of the intestinal absorption of amino acid mixtures.
Fiziol. zhur. 49 no.12:1461-1467 D '63.

(MIRA 17:12)

1. From the Department of Biochemistry, Institute of Nutrition,
Academy of Medical Sciences, U.S.S.R., and Department of General
Chemistry, I.M. Sechenov First Medical Institute, Moscow.

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5

KLEMINA, Ye. A.; SHISHOVA, O.A.; KASATOCHKIN, V.I.

Regulation of amino acid relationships in the intestines, Vop.
pit. 24 no. 6+31-35 N-D 163
(MIRA 19:1)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5"

SHAVROVA, V.S.; KLEMINA, Ye. I.

Certain data on the problem of practical significance of laboratory investigations in diagnosis of viral influenza. Vest. otorinol.,
Moskva 15 no.2:28-32 Mar-Apr 1953. (CML 24:3)

1. Candidate Medical Sciences for Shavrova. 2. Of the Central Poly-clinic of the Therapeutic Sanitary Administration of the Kremlin.

ANDROSOV, P.I., doktor meditsinskikh nauk; BABKIN, S.I., kandidat tekhnicheskikh nauk; EILYAKOV, P.D., kandidat meditsinskikh nauk; KLEMINA, Ye.P.; KRYUCHKOVA, G.S.

Apparatus for mechanical ligation of vessels. Nov.khir.arkh. no.1:
86-87 Ja-F '57.
(MIRA 10:6)

1. Adres avtora: Moskva, I-81, Fabrichnaya liniya, 6, Nauchno-issledovatel'skiy institut eksperimental'noy khirurgicheskoy apparatury i instrumentov Ministerstva zdravookhraneniya SSSR.
(SURGICAL INSTRUMENTS AND APPARATUS)
(LIGATURES (SURGERY))

KLEMINSKI, Michal, mgr inż.; STEFANSKI, Zenon, mgr inż.

Construction of the first large vessel in the dry dock of
the Komuna Paryska Shipyard in Gdynia. Bud okretowe Warszawa
9 no.1:6-9 Ja '64.

1. Stocznia im. Komuny Paryskiej, Gdynia.

STEFANSKI, Zenon, mgr inz.; KLEMINSKI, Michal, mgr inz.

Construction and use of the hatch gate of the dry dock of the
Komina Paryska Shipyard in Gdynia. Bd okretowe Warszawa 9
no. 8;264-267 Ag '64.

1. Komina Paryska Shipyard, Gdynia.

KLEMM, N.V., kand. sel'skokhoz. nauk

Physical and mechanical properties of apple trees and apples. Trudy
vtokhno no.32:36-53 '62.
(MIRA 18:1)

Studying the effect of practices used in growing potatoes on the formation of soil aggregates. Ibid. 99-110

ALTUIKHOV, M.K.; KLEPM, N.V.

Kok-Saghyz

Physical and mechanical properties of kok-saghyz as a basis for designing harvesting machines. Sel'khozmashina No 6, 1952.

Monthly List of Russian Accessions, Library of Congress, September 1952 UNCLASSIFIED

KLEIN, N.V. Cand Agr Sci (diss) "Agrophysical substantiation of
the mechanized process of flattening ~~the~~ ^{Makloka} ~~the~~ stalks."
Krasnodar, "Kuban" ^{Sov. Akad.} 1957 19 pp. 20 cm. (USSR Min Agr)
Kuban' Agr Inst) 110 copies
(KL, 12-57, 104)

KLFMN, K.

Considerations on the fibrous structure of mechanical pastes.

P. 248(Celuloza Si Hirtie. Vol. 5, no. 9, Sept. 1956, Bucuresti, Romania)

Monthly Index of East European Accessions (EEAI) LC. VOL. 7, no. 2, February 1958

KLEMM, Werner, prof. st. naturale

Activity of the young naturalists of Secondary School
Nr.2, Sibiu. Natura Geografie 12 no. 6:135 N-D '60.

1. Scoala Medie Nr.2, Sibiu.

KLEMM, Werner

First proof of the nesting of the Long-eared Owl in the
Southern Carpathian Mountains. Aquila 69/50,255-194,193
(publ. '64).

RUMANIA

KLEMM, W., Sibiu [affiliation not given]

"Eremophila alpestris, a Bird Nesting in the Rumanian Carpathians."

Bucharest, Natura. Seria Biologie, Vol 15, No 5, Sep-Oct 63,
pp 91.

Abstract [Author's English summary modified]: Following a discussion of the area of distribution of Eremophila alpestris, a species that is rare in Europe, the author reports the presence of the bird in July 1962 on Cindrel Mountain(Cibinului Mountains) at an altitude of 2,000 meters. This is the first report of this bird in Rumania during the summer; it is usually seen in the country between November and April.

Includes 2 German and 1 Rumanian reference.

1/1

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5

CILIEVICI, Elena, prof. (Sibiu); KLEMH, Werner, prof. (Sibiu); SCHULPTZ,
Richard, prof. (Sibiu)

Aspects of training and educating pupils in protecting the
monuments of nature. Natura Biologie 17 no.1:67-69 Ja-F '65.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5"

KLEMPA, Stefan, ins.

Long-term development of the canning industry. Prum potravin no.3:
147-148 Mr '63.

1. Zdruzenie liehovarov a konservarni, Bratislava.

BABAYANTS, R.S.; BLAGOVESHCHENSKAYA, V.V.; VERGILESOVA, O.S.; VISSONOV, Yu.V.;
VYALOVA, N.A.; GLAZUNOV, I.S.; DRUTMAN, R.D.; KLEMPERSKAYA, N.N.;
KOTOVA, E.S.; KURSHAKOV, N.A., prof.; LARCHEVA, L.P.; LYSKOVA, M.N.;
MALISHAEVA, M.S.; PETUSHKOV, V.N.; RYNKOVA, N.N.; SOKOLOVA, I.I.;
STUDENIKINA, L.A.; CHUSOVA, V.N.; SHESTIKHINA, O.N.; SHULYATIKOVA,
A.Ya.; SHTUKKENBERG, Yu.M.; BARANOVA, Ye.F., red.

[Acute radiation lesion in man] Ostraia radiatsionnaya travma
u cheloveka. Moskva, Meditsina, 1965. 313 p.

(MIRA 18:9)

1. Chlen-korrespondent AMN SSSR (for Kurshakov).

L 41613-65 EWG(j)/EWT(m) GS

ACCESSION NR: AT5008047

S/0000/64/000/000/0219/0227

20

AUTHOR: Klemparskaya, N. N.; Rayeva, N. V.

B+1

TITLE: Investigation of the effect of novocain on the course of acute radiation sickness and immunogenesis

SOURCE: Patogenez, eksperimental'naya profilaktika i terapiya luchevykh porazheniy (Pathogenesis, experimental prevention, and therapy of radiation injuries); sbornik statey. Moscow, Izd-vo Meditsina, 1964, 219-227

TOPIC TAGS: novocain, radiation sickness, immunochemistry, radiation protection

ABSTRACT: Research was conducted to study prophylactic and therapeutic oral administration of novocain in acute radiation sickness of animals and also to study certain aspects of the mechanism of action of novocain which are important for understanding its therapeutic effect in radiation sickness. Tests were conducted on mice, rats, rabbits, and dogs. It was found that oral administration of novocain prior to or after irradiation lessens the severity of radiation sickness, and, according to the data of the tests on mice and rats, increases the survival rate of

Card 1/2

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ACCESSION NR: AT5008047

animals. The administration of a novocain solution in immunized animals lessens the formation of agglutinins, hemolysins, and precipitins. Subcutaneous administration has a stronger and longer effect than oral administration. The administration of novocain solutions has an inhibiting effect on the formation of anti-infection immunity in both non-irradiated and irradiated mice. Orig. art. has: 1 figure, 4 tables.

ASSOCIATION: none

SUBMITTED: 19Aug64

ENCL: 00

SUB CODE: LS

NO REF Sov: 014

OTHER: 000

2/2
Card 2/2

ACC# 426029633

SOURCE CODE: UR/6666/66/333/333/0242/023

AUTHOR: Lebedinskiy, A. V. (deceased); Nefedov, Yu. G.; Dushlak, M. P.; Korotkaya, N. M.; Moskalov, Yu. I.; Ryzhov, N. I.; Baronskaya, N. G.; Bibikova, N. V.; Danzhina, N. N.; Lobodov, B. I.; L'vitsyna, G. M.; Shashkov, I. F.; Borbonova, N. I.; Gorasimova, G. K.

ORG: none

TITLE: Model investigations of cosmic radiation biologic effect

SOURCE: Voprosy obshchey radiobiologii (Problems of general radiobiology). Moscow, Atomizdat, 1966, 242-254

TOPIC TAGS: dog, rat, induced radiation effect, cosmic radiation biologic effect, proton radiation biologic effect, relative biologic efficiency

ABSTRACT: With space flights of longer duration, cosmic rays, radiation belts and solar flares present an increasing danger to astronauts. However, relatively little is known of the biologic effect of cosmic radiation and its components, particularly high energy protons. In the present study the RBE of high energy protons was compared in large laboratory animals (dogs) and small laboratory animals (rats) to determine possible RBE differences. In a series of experiments groups of dogs were irradiated with high energy protons and X-irradiation (or gamma irradiation) in fractional and

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L 11275-67

ACC NR: A70029633

single doses of 250 to 650 rads; groups of rats (Wistar line) were also irradiated in fractional and single doses of 300 to 1200 rads. A synchrocyclotron was used for proton irradiation (510 Mev, field diameter 40 cm, dose rate of 1 rad/sec). Clinical symptoms, histological investigations, EEG data, mean survival periods, and post mortem examinations served as indices. Results show that with fractional dose irradiation of dogs, the RBE of proton irradiation (510 Mev) and X-irradiation (180 kv) is the same (1.0). With fractional irradiation of rats, the RBE of proton irradiation is 0.8. With single dose irradiation of dogs, the RBE of protons is 1.15 compared to gamma irradiation. With single dose irradiation of rats, the RBE of protons is 0.75 compared to gamma irradiation. No conclusions are drawn. Orig. art. has: 4 tables and 6 figures.

SUB CODE: 06/ SUBM DATE: 23Apr66/ ORIG REF: 004/ OTH REF: 004

Card 2/2 4b

RAYEVA, N.V.; KLEMPARSKAYA, N.N.; USACHEVA, I.M. (Moskva)

Clinical characteristics of acute radiation sickness in monkeys
following preliminary BCG vaccination. Med. rad. 9 no.7:37-
45 Jl '64. (MIRA 1813)

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5

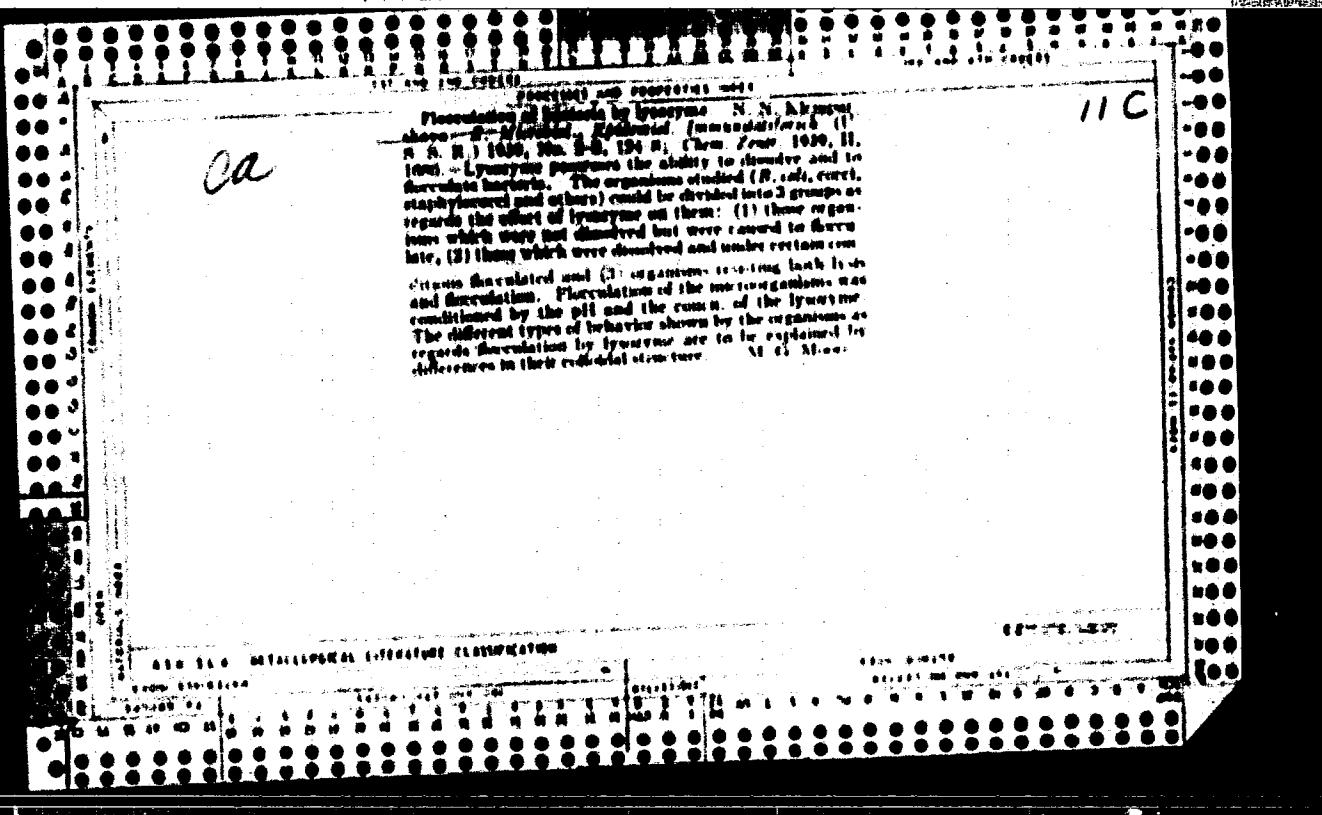
KLEMPARSKAYA, N.N.; SHAL'NOVA, G.A.

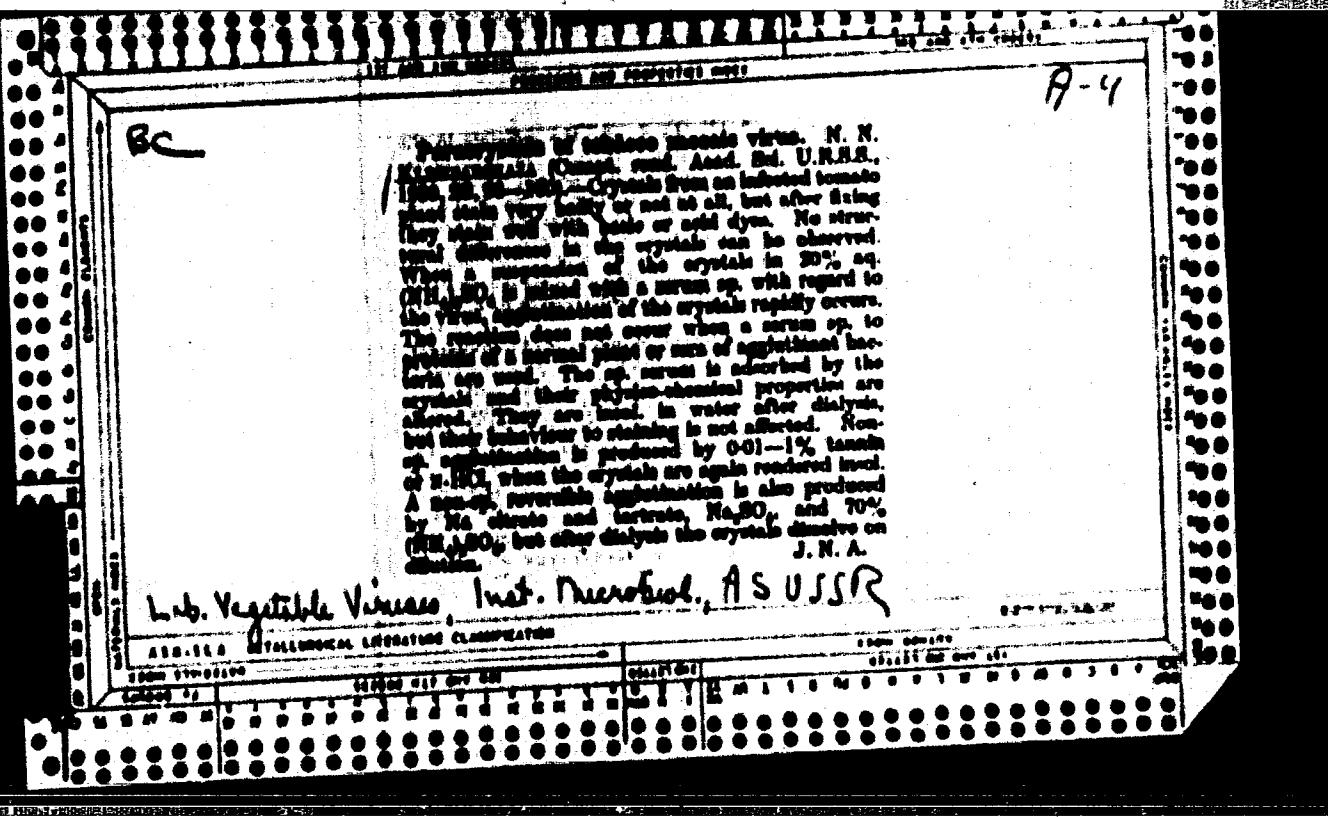
Stimulating effect of the BCG vaccine on the genesis of antibodies.
Biul. eksp. biol. i med. 59 no.6:69-73 Je '65.

(MIRA 18:6)

APPROVED FOR RELEASE: 06/19/2000

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"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5

KERFANOV, N. N.

Chair Microbiology, Samarkand Med. Inst., (-1944-)

"On the lysis of the typhus abdominalis vaccine,"

Zhur. Mikrobiol., Epidemiol., i Immunobiol., No. 4-5, 1944.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5"

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5

KLEINERKAYA, N. V.

"Hyaluronidase in Bacteria Commensal in the Human Body," Zhur Mikrobiol Epidemiol i Immunobiol, No. 1, pp 31-35, 1950.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5"

$$z \in \mathbb{R}^{n+1}) / \mathrm{EW}(\mathbf{T}(x))$$

S-10241 11/1994 10:47 AM 1/18 SU/0060

А. А. Седарская, Н. Н.

the autoimmune reaction in the irradiated organism

SOURCE: Meditsinskaia radiologiya, v. 9, no. 9, 1964, 54-57.

TOPIC TAGS: serum, medical experiment, radiation biologic effect

~~RECORDED~~ The article is a critical review of Soviet and non-Soviet literature on inhibition of the autoimmune reaction in the irradiated mouse in the form of the antigen-antibody system. It is shown that the mechanism of inhibition is different in each case. In the case of the interval between irradiation and vaccination, it is shown in which antigen is capable of exerting an inhibitory action on the process of vaccination. Orig. art. has 2 graphs.

1975-1976

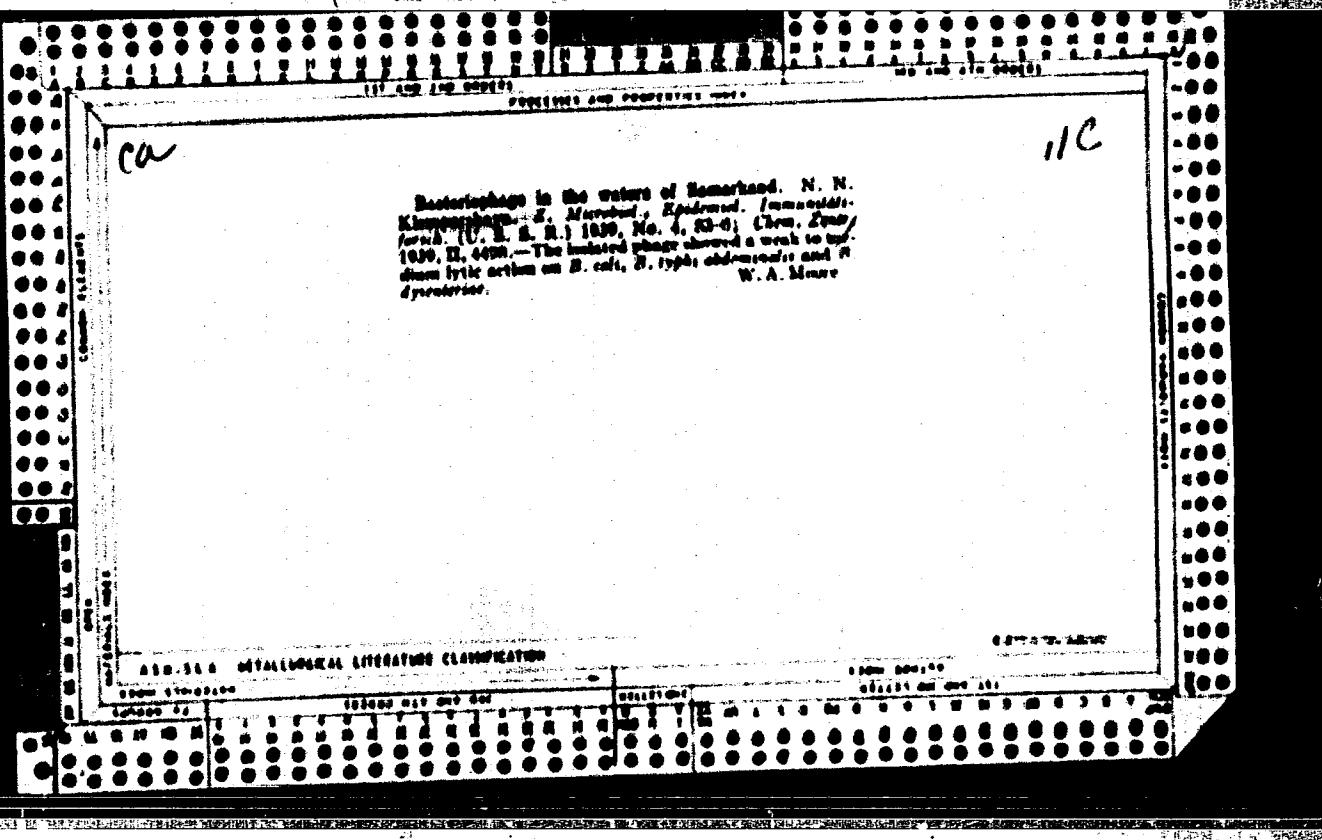
ENCL: A

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SAZONOVA, S.V.; PITIRIMOVA, Ye.D., glavnyy vrach; KLEMPARSKAYA, E.N., profesor, zaveduyushchaya.

Analysis of the concentration dysentery bacteria from the material of the bacteriological laboratory of the municipal station of hygiene and epidemiology; author's abstract. Zmir.mikrobiol.epid.i immun. no.4:54-55 Ap '53.
(MLRA 6:6)

1. Gorodskaya sanitarno-epidemiologicheskaya stantsiya (for Pitirimova, Sazonova). 2. Kafedra mikrobiologii Chelyabinskogo meditsinskogo instituta (for Klemparskaya, Sazonova).
(Dysentery)

LOGACHEVA, L.I.; OBRASCOV, G.D., professor, direktor; KLEMPARSKAYA, N.N., professor, savechmyushchiy.

Study of the mechanism of the effect of garlic phytocides upon skin microflora; author's abstract. Zhar.mikrobiol.epid.i immun. no.8:16-17 Ag '53.
(MLRA 6:11)

1. Kafedra mikrobiologii Chelyabinskogo meditsinskogo instituta (for Klemparskaya). 2. Chelyabinskij meditsinskij institut (for Obrascov).
(Phytocides) (Skin) (Garlic--Therapeutic use)

DAVYDOVA, M.I., vrach, zaveduyushchaya; KLEMPARSKAYA, N.N., professor, zaveduyushchaya.

Bacterial hemagglutination; author's abstract. Zmir.mikrobiol.epid.i immn. no.2:70-71 F '53. (MLRA 6:5)

1. Laboratoriya rayonnoy sanitarno-bakteriologicheskoy stantsii Chelyabinsk (for Davydova). 2. Kafedra mikrobiologii Chelyabinskogo meditsinskogo instituta (for Klemparskaya). (Blood--Agglutination) (Microorganisms)

KLEMPARSKAYA, N.N.

Effect of sapropelic mud of Uvil'da spa (Lake Akachkul') upon certain physiological body functions. Izmer.mikrobiol.epid.i imun., no.4:81 Ap '54.
(MLRA 7:5)

1. Iz naledry mikrobiologii Chelyavinskogo meditsinskogo instituta.
(Uvil'da--Barths, Medical and surgical uses of)
(Barths, Medical and surgical uses of--Uvil'da)

KLEMPARSKAYA, N.N.

Characteristics of the microflora of sapropelic mud of the Uvill'da
spa (Lake Akachkul'). Zhur.mikrobiol.epid.i imunn. no.4:81 Ap '54.
(MLRA 7:5)

1. Iz kafedry mikrobiologii Chelyabinskogo meditsinskogo instituta.
(Uvill'da--Martha, Medical and surgical uses of)
(Martha, Medical and surgical uses of--Uvill'da)

KLEMPARSKAYA, N.N.

EXCERPTA MEDICA Sec.14 Vol.11/11 Radiology Nov 57.

1896. KLEMPARSKAYA N.N. "Infection and immunity in radiation illness" (Russian text) MED. RADIOL. 1956, 1/5 (3-10)

It has been established that in radiation illness, in its 2nd and 3rd week, there is penetration and spread of many representatives of autoflora into the blood and internal organs; this is explained by impairment of the barrier-like protective function of the lymph nodes and permeability of the mucous membranes, blood vessels and tissues of the irradiated organism. Since the development of bacteraemia is observed much later than the increase in permeability it is suggested that the main cause of bacteraemia is the loss of the organism's ability to destroy bacteria as radiation illness develops. Bacteraemia occurs only in those cases when the animals receive doses of radiation which permit them to survive for

1896

CONT.

7-12 days; it is therefore concluded that auto-invasion is not a cause but an effect of radiation illness, complicating its course and justifying the use of antibiotics, which also have a desensitizing action. It is noted, moreover, that all infectious diseases run a more severe course, with less pronounced clinical manifestations, during radiation illness, as the result of the impaired immunological reactivity of the organism. Also latent infection is activated during radiation illness. This is explained by the absorption of products of tissue break-down during irradiation with consequent sensitization of the organism.

KLEMPARSKAYA N.N.
EXCERPTA MEDICA Sec.14 Vol.11/7 Radiology Jul 57.

1161. KLEMPARSKAYA N.N. Moscow. * Autosensitization as a factor
in the pathogenesis of radiation sickness (Russian text)

BJULL. EKSPER. BIOL. MED. 1956, 41/3 (22-27) Tables 3

The experimental material consisted of 76 rabbits, 462 mice and 43 guinea-pigs. The main factors were found to be the autosensitization to the tissue and contents of the intestine. Preparations of the tissues of the intestine and liver of the irradiated and non-irradiated animals were administered to healthy animals. Parenteral injection of a definite quantity of the tissue of the small intestine was found to produce pathological changes similar to those found in radiation sickness. This similarity is not only superficial. The close relationship between the processes underlying experimental autosensitization and radiation sickness and their causal relationship is experimentally proved. The animals injected with autotoxins died more quickly and in greater numbers after irradiation than those to which autotoxins were not administered. Even a small dose of the autotoxin caused rapid death in an already irradiated animal. This acceleration of death is explained by irradiation acting as a 'decisive factor' in the presence of autosensitization. Experimental injection of the tissue preparation into an already irradiated animal, i.e., one undergoing the process of autosensitization also becomes a 'decisive factor' causing the death of the animal. References 8. Sbitneva - Moscow

KLEMPSKAYA, N.N.
USSR/The Pathophysiology of Infectious Process.

U-3

Abs Jour : Ref Zhur - Biol., No 5, 1958, 22900

Author : Klemparskaya, N.N.

Inst :
Title : Some Data on the Peculiarities of Infectious Processes
and Immunologic Reactivity in Irradiated Animals.

Orig Pub : V sb.: Tr. Vses. konferentsii po med. radiol. Ekperim,
med. radiol. M., Medgiz, 1957, 153-156

Abstract : No abstract.

Card 1/1

KLEMPSKAYA - N.N.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723020002-5

USSR/Human and Animal Physiology. Action of Physical Agents. T

Abs Jour: Ref Zhur-Biol., No 8, 1958, 37016.

Author : Klemparskaya, N.N.
Inst :
Title : The Cytological Activity of the Blood and Organs in
Irradiated Animals.

Orig Pub: Med. radiologiya, 1957, 2, No 2, 18-26.

Abstract: The author determined, with the aid of the modified method of Freund, Kaminer and Neuberg, the percentage of lysed liver cells following their contact with extracts of various organs (liver, kidney, spleen, bowel, bone marrow and lymph nodes) or with a hemolyzed solution of blood. Organs of healthy animals possess a comparatively insignificant cytolytic activity (CA) which is manifested by the total absence

Card : 1/4

USSR/Human and Animal Physiology. Action of Physical Agents. T

Abs Jour: Ref Zhur-Biol., No 8, 1958, 37016.

USSR/Human and Animal Physiology. Action of Physical Agents.

T

Abs Jour: Ref Zhur-Biol., No 8, 1958, 37016.

within 24 hours after the irradiation. The dynamics of the appearance of Colysins in rats, after the action of Gamma rays Co60 in doses of 1000 r and X-rays in doses of 600-800 r, was studied. CA and the leucopenic activity of the organs of rats increased up to the 3-4 day following irradiation, which corresponds to the time of death of the rats. The appearance of leucolysins was noted prior to the occurrence of leucopenia and coincided with the elaboration of cytolsins as related to other cells. The highest CA was demonstrated with liver and blood plasma. The highest CA of organs of dogs was noted within 2-3 days after irradiation

Card : 3/4

U-1

USSR/General Problems of Pathology. Immunity

Abs Jour : Ref Zhur - Biol., No 13, 1958, No 60961

Author : Klemparskaya N.N., Sosova V.F., Nemirovich-Danchenko O.R.,
L'vitsina O.N.

Inst Title : The Effect of an Active Immunization Against Intestinal In-
fections and Tuberculosis on the Resistance of Animals to
Radio (Radium?).

Orig Pub : Med. radiologiya, 1957, 2, No 5, 63-72

Abstract : A study was made of a preliminary one stage immunization of mice by tetra-vaccine or by the Bi₁₃₂Zn vaccine, on the course of radiation sickness caused by an irradiation of Roentgen Rays of 400 ch. or by the introduction of polonium (0.1 microcurie per kilogram). An immunization of this type, especially when made 2 weeks prior to exposure to Roentgen Rays, increases the animals chances of survival (irradiation) or increases their life span (polonium). A preliminary vaccination, made 4 times on rabbits who had received formalin treated

Card : 1/2

12

KLEMPARSKAYA, N. N.

"The Role of Autoallergia in the Development of Haemorrhagic Phenomena in Organisms Affected with Radiation Disease", by N. N. Klemparskaya, and

V. V. Sihikhodyrov.

Report presented at 2nd UN Atoms-for-Peace Conference, Geneva 9-13 Sept 1958.

KLEMPERSKAYA, N.N.

[Problems of infection, immunity, and allergy in acute radiation sickness] Voprosy infektsii, imuniteta i allergii pri ostroj luchevoj bolezni. Moskva, Medgiz, 1958. 201 p. (MIRA 12:6)

(RADIATION SICKNESS)

KLEMPARSKAYA, N.N.; SHAL'NOVA, O.A.; POZDNYAKOV, A.L.

Possibility of nonspecific increase of resistance against infection
in BCG-vaccinated mice. Zhur. mikrobiol., epid. i imm. 41 no. 2:
141 F '64. (MIRA 17:9)

KLEMPARSKAYA, N.N.; PETROV, R.V.; IL'INA, L.I.

Biological effect of cellular structures from normal and irradiated animals [with summary in English]. Med.rad. 3 no.1:34-41 Ja-J '58.
(RADIACTIONS, effects, (MIRA 11:4)
biol. eff. of cellular structures isolated from
irradiated animals (Bus)

KLEMPARSKAYA, N.N. (Moskva)

Studies on the effect of antibiotics on the immunobiological reactivity
of the organism. Antibiotiki, 3 no.3149-52 My-Je '58 (MIRA 11:7)

(ANTIBIOTICS, effects,
on immunol. reactions in animals (Rus))

(IMMUNITY,
eff. of antibiotics on immunol. reactions in animals
(Rus))

KLEMPARSKAYA, N.N.

Immunobiological reactivity of the irradiated organism. Med.
rad. 3 no.3885-90 My-Je '58 (MIRA 11:7)
(RADIATION, eff.
on immunobiol. reactivity, review (Rus))
(DOSIMETRY, eff. of radiations on
immunobiol. reactivity, review (Rus))

KLEMFARSKAYA, N.N.

Epidemiological significance of some radiological data. Zhur..mikrobiol.
epid. i imun. 29 no.10:29-34 O '58. (MIRA 11:12)

(EPIDEMIOLOGY,
radiol. aspects (Rus))
(RADIOLOGY,
epidemiol. aspects (Rus))

EXCERPTA MEDICA Sec 14 Vol 13/9 Radiology Sept 59

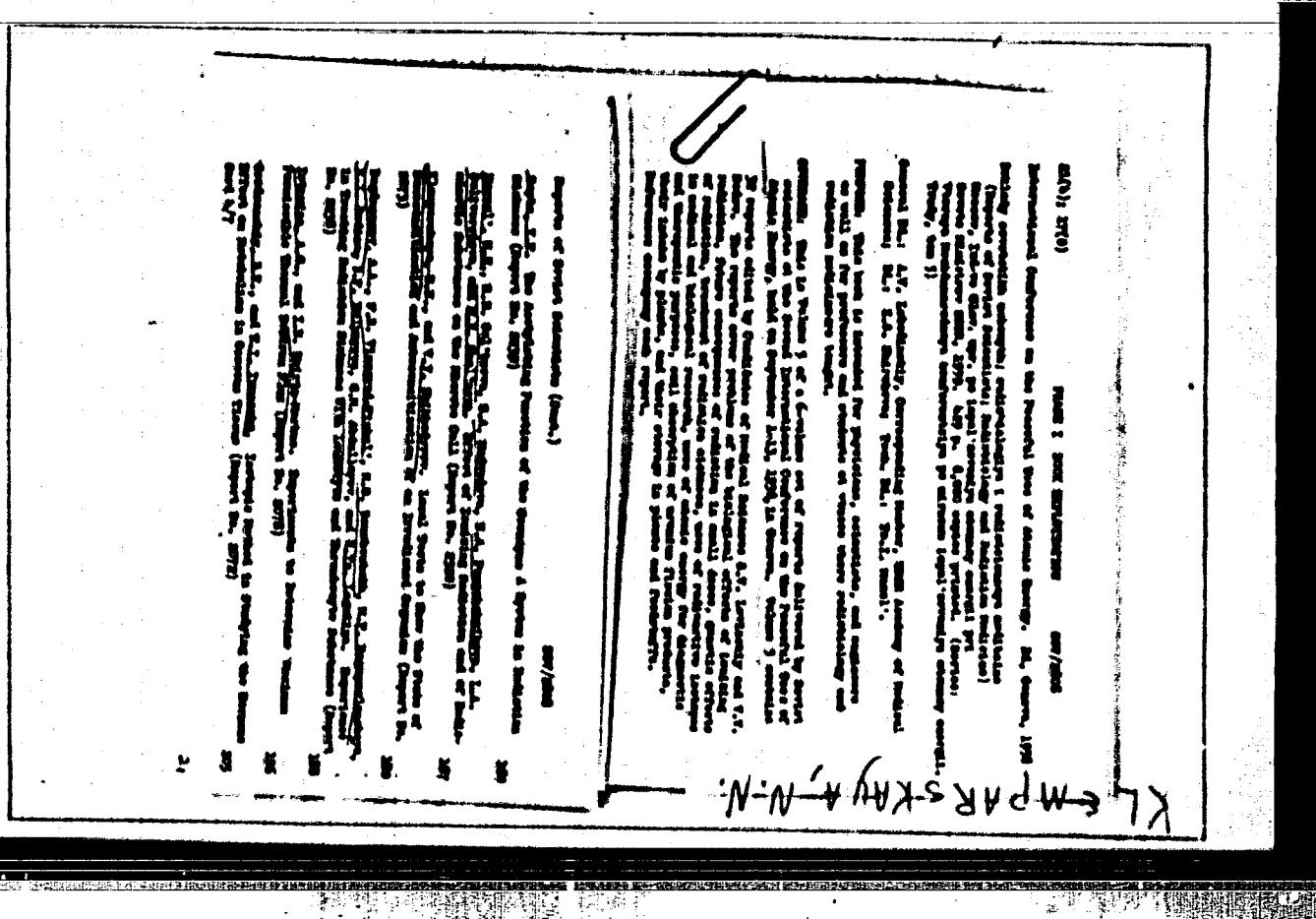
1693. LOCAL TESTS AS A METHOD OF DETECTING THE CONDITION OF
AUTOSENSITIZATION OF THE IRRADIATED BODY (Russian text) -
Klemparskaya N.N., Kraevsky N.A. and Shikhodirov V.V.
Moscow - BYULL. EKSPER. BIOL. I MED. 1958, 45/12 (28-32) Tables 1

Illus. 3

The authors studied the possibility of sensitization of the irradiated body to the products of disintegration of its own tissues and of those obtained from animals belonging to the same species (abdominal administration by Frien-Stone's method). It was established that in definite doses of irradiation at a definite period of the radiation sickness a hyperergic reaction with oedema, necrosis and haemorrhages occurs at the site of administration of the extracts of homologous tissues. Such a reaction is not caused by the introduction of bacteria or foreign proteins. The reaction is negative in the non-irradiated animals and during the first 48 hr. after the irradiation.

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APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5"

KLIMPAISKAYA, N.N. & ALIKSYEVA, O.O.

Study of the reactivity of the organism in radiation injuries through
the application of certain immunological and microbiological methods.
Med. rad. 4 no.3:70-76 Mr '59. (MIRA 12:7)

(RADIATION, effects,
on immun., techniques of investigation, review (Rus))
(IMMUNITY, eff. of radiations,
technic of investigation, review (Rus))

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5

KLEMPARSKAYA, N.N.; RATEVA, N.V.

Intracutaneous tests with distilled water in irradiated dogs. Med. rad.
4 no. 11:71-74 N '59. (MIRA 13:2)
(RADIATION EFFECTS experimental)
(IMMUNITY)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723020002-5"

~~KLEMPARSKAYA, N.N.; SOSOVA, V.F.~~

Role of infection and changes in immunological reactivity in the
development of the hemorrhagic syndrome in irradiated animals. Med.
rad. 4 no.10:82-84 O '59. (MIRA 13:2)

(RADIATION INJURY exper.)
(HEMORRHAGE exper.)
(INFECTION exper.)

17 (10, 12)

SOV/16-59-6-6/46

AUTHORS: Klemparskaya, N.N., Sosova, V.P., Alekseyeva, O.O., Petrov, R.V., Chekatilo, O.A. and Nemirovich-Danchenko, O.R.

TITLE: A Study of Some Aspects of the Action of Antibiotics on Radiation Sickness

PERIODICAL: Zhurnal mikrobiologii, epidemiologii i immunobiologii, 1959, Nr 6, pp 26-34 (USSR)

ABSTRACT: The article was presented at a conference in the Tsentral'nyy nauchno-issledovatel'skiy rentgeno-radiologicheskiy institut Ministerstva zdravookhraneniya SSSR (Central X-ray and Radiological Research Institute of the Ministry of Public Health, USSR) in Leningrad on November 29, 1957. It is a symposium of articles by various authors on the effects of antibiotics on the microflora of the body after irradiation and certain factors of the body's reactivity. Sosova studied the effects of streptomycin, biomycin and penicillin on the development of infectious inflammation in rabbits irradiated with 800-1,100 r of X-rays. Chekatilo studied the effects of per os administration of biomycin in doses of 1 mg for 6-12 days on the amount of microbes contained in the colon of white mice irradiated with 600 r of X-rays. Nemirovich-Danchenko studied

Card 1/3

SOV/16-59-6-6/46

A Study of Some Aspects of the Action of Antibiotics on Radiation Sickness

the properties of microflora excreted by dogs treated with polonium. Alekseyeva confirmed the antibiotics-resistance of commensal microflora in dogs which received per os slow-radioactive Strontium -90 but were not treated with antibiotics. U.G. Gasanov, M.N. Yegorova, Z.V. Yermol'yeva, V.Ya. Kudryavtseva and G.P. Rudnev have noted the great effects of antibiotics on many physiological processes and immunobiological activity. Alekseyeva studied the intensity of the phagocytic reaction of blood leukocytes in dogs irradiated with 600 r of X-rays, of whom some were given antibiotics therapy. N.N. Klemparskaya, S.L. Krasinskaya, T.M. Kokhanovskaya, Ye.I. Milevskiy, Kh.Kh. Planel'yes and N.V. Chumachenko have studied the effects of antibiotics on immunity - with contradictory results. G.A. Mikhaylets has studied their effect on allergy. R.V. Petrov and L.I. Il'in have investigated the possibility of forming complex antigen (allergen) groups by combining antibiotics with substances from the tissues of the living organism. From the above works a number of conclusions may be drawn. The introduction of antibiotics into animals, irradiated with lethal X-ray doses before infection, helps to prevent the development of inflammatory infection. Resistant microbe strains in the irradiated body seem to react to antibiotics by increasing in virulence; their number in the tissues and

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body surfaces also increase. The commensal bacteria in the intestines of an irradiated body show an increased resistance to antibiotics, without antibiotics having been used, simply under the influence of changed environmental conditions. The administration of antibiotics may provoke neutropenia and thus diminish the effectiveness of the phagocytic reaction. Antibiotics tend to inhibit the development of anaphylaxis to heterogenic protein. Antibiotics may themselves be allergens as a result of their combination with body substances.

There are 3 photos, 6 figures, 1 graph, 1 table and 15 references, 14 of which are Soviet and 1 English.

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